Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 260, Nos. 1 & 2, May 2004

H. Al-Sayer, T.C. Mathew, S. Asfar, M. Khourshed, A. Al-Bader, A. Behbehani and H. Dashti: Serum changes in trace elements during	
thyroid cancers	1-3
N. Parameswaran, W.S. Spielman, D.P. Brooks and P. Nambi: Okadaic acid stimulates caspase-like activities and induces apoptosis of	
cultured rat mesangial cells	7-1
Ma. Hattori, M. Arai, K. Saruwatari and Y. Kato: Estrogen regulation of nitric oxide synthesis in the porcine oocyte	13-19
F. Farahmand, M.F. Hill and P.K. Singal: Antioxidant and oxidative stress changes in experimental cor pulmonale	21-29
D.S. Xiao, K.P. Ho and Z.M. Qian: Nitric oxide inhibition decreases bleomycin-detectable iron in spleen, bone marrow cells	
and heart but not in liver in exercise rats	31-37
I. Mohanty, S.K. Gupta, K.K. Talwar, A. Dinda, S. Joshi, P. Bansal, A. Saxena and D.S. Arya: Cardioprotection from ischemia and	
reperfusion injury by Withania somnifera: A hemodynamic, biochemical and histopathological assessment	39-47
D. Jay, E.J. García and M. de la Luz Ibarra: In situ determination of a PKA phosphorylation site in the C-terminal region of filamin	49-53
N. Kumar and C.S. Dey: Restoration of impaired p38 activation by insulin in insulin resistant skeletal muscle cells treated with	
thiazolidinediones	55-64
A.R. Espanhol, R.S. Cardoso, C.M. Junta, G. Victorero, B. Loriod, C. Nguyen and G.A.S. Passos: Large scale gene expression analysis	
of CBA/J mouse strain fetal thymus using cDNA-array hybridizations	65-68
G. Wohlfahrt, S. Trivić, J. Zeremski, D. Peričin and V. Leskovac: The chemical mechanism of action of glucose oxidase from Aspergillus	
niger	69-8.
L. Tillmar and N. Welsh: Glucose-induced binding of the polypyrimidine tract-binding protein (PTB) to the 3'-untranslated region of	
the insulin mRNA (ins-PRS) is inhibited by rapamycin	85-90
T. Sebastian, S. Sreeja and R.V. Thampan: Import and export of nuclear proteins: Focus on the nucleocytoplasmic movements of two	
different species of mammalian estrogen receptor	91-102
V. Aires, S. Adote, A. Hichami, K. Moutairou, ES.E. Boustani and N.A. Khan: Modulation of intracellular calcium concentrations and	
T cell activation by prickly pear polyphenols	103-11
B.I. Jugdutt and V. Menon: AT, Receptor blockade limits myocardial injury and upregulates AT, receptors during reperfused myocardial	
infarction	111-11
C. Gaitanaki, E. Kefaloyianni, A. Marmari and I. Beis: Various stressors rapidly activate the p38-MAPK signaling pathway in Mytilus	
galloprovincialis (Lam.)	119-12
B.S. Sørensen, N. Tørring, M.V. Bor and E. Nexø: The DNA damaging agent VP16 induces the expression of a subset of ligands from	
the EGF system in bladder cancer cells, whereas none of the four EGF receptors are induced	129-13
Y. Zhang, Jh. Zhao, Xy. Zhang, Hb. Guo, F. Liu and Hl. Chen: Relations of the type and branch of surface	
N-glycans to cell adhesion, migration and integrin expressions	137-14
J. Sharma, Y. Niu, J. Ge, G.N. Pierce and G. Zhong: Heat-inactivated C. pneumoniae organisms are not atherogenic	147-15
P. Singh, A. Jain and G. Kaur: Impact of hypoglycemia and diabetes on CNS: Correlation of mitochondrial oxidative stress with DNA	
damage	153-15
A. Barrilli, S. Molinas, G. Petrini, M. Menacho and M. Mónica Elías: Losartan reverses fibrotic changes in cortical renal tissue induced	
by ischemia or ischemia-reperfusion without changes in renal function	161-17
M. Shara, S.E. Ohia, R.E. Schmidt, T. Yasmin, A. Zardetto-Smith, A. Kincaid, M. Bagchi, A. Chatterjee, D. Bagchi and S.J. Stohs:	
Physico-chemical properties of a novel (-)-hydroxycitric acid extract and its effect on body weight, selected organ weights,	
hepatic lipid peroxidation and DNA fragmentation, hematology and clinical chemistry, and histopathological changes over a	
period of 90 days	171-18
Index to Volume 260	187-18
Factorian Address	
Instructions to Authors	19